



- SAP LEGEND**
- 2078004 SAP EQUIPMENT NUMBERS
- LEGEND**
- DOUBLE BLOCK & BLEED VALVES
  - MOTOR OPERATED VALVE
  - TR1= 12" CROSS-CHANNEL
  - TR2= 16" CROSS-CHANNEL
  - TR3= 16" BYPASS
  - TR4= 12" COMMON HEADER
  - RC1= WEST RECIRC. LINE
  - RC2= EAST RECIRC. LINE

**REFERENCE DRAWINGS:**

- S-32841 - VALVE CHART, SHEET 1 OF 7, DOE - SUGARLAND TERMINAL
- SD-96951 - VALVE CHART, SHEET 2 OF 7, DOCK 1 WITH VCU
- SD-96952 - VALVE CHART, SHEET 3 OF 7, DOCK 2 & TANKS 4 THROUGH 6
- SD-96953 - VALVE CHART, SHEET 4 OF 7, MAINLINE PUMPS
- SD-96954 - VALVE CHART, SHEET 5 OF 7, TANKS 2 & 3
- SD-96955 - VALVE CHART, SHEET 6 OF 7, METER SKIDS
- SD-96956 - VALVE CHART, SHEET 7 OF 7, BOOSTER PUMPS & TANK 1

- NOTES:**
- 1) A HIGHER MOP IS ALLOWED FOR THE CONNECTING PIPE TO CAPLINE BASED ON PIPE STRENGTH AND HYDROTEST (2002). THE HIGHER MOP SATISFIES 2003 SURGE STUDY.
  - 2) TO UPDATE THIS DRAWING, PLEASE UPDATE THE OVERALL VALVE CHART DRAWING (Model Tab).

REV NO	DATE	DESCRIPTION OF REVISION	ES NO.	BY	ELEC ENGR	MECH ENGR	APP	REV NO	DATE	DESCRIPTION OF REVISION	ES NO.	BY	ELEC ENGR	MECH ENGR	APP
								10	01/08	ADDED PLAINS 3-VALVE MANIFOLD AND LOCAP AND REDSTICK CONNECTIONS		BDE	SJA	LJW	
								09	10/06	ADDED SL-10 W/HTR BYPASS, CL-20-10 (C5180) & MODIFIED W/METER OUTLET		BDE	SJA	SJA	
								08	04/05	ADDED SAP EQUIPMENT NUMBERS		BDE	DPB	LJW	
								07	04/05	REMOVED PSV-WI-320 REVISED POWER ON SUC 1 & 2 LINES		BDE	JEH	JEH	
								06	09/03	ADD NOTE 1		BDE	REK	REK	
11	2/14	REVISED & ADDED NEW DETAIL DRAWING TABS		JPS	JJK	JJK									

<b>SUGARLAND TERMINAL</b>	<b>OVERALL VALVE CHART DOE - SUGARLAND TERMINAL SHEET 1 OF 7</b>	SCALE NONE	DATE	REVISION
<b>ST-SLND SUGAR LAND TERMINAL</b>		DRAWN BDEZELL	12/96	<b>SPLC-GOM-ST-S32841</b> <b>11</b>

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